



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
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GWYNN ISLAND Growing Area # 036 Mathews County Shoreline Survey

Date: 14 June 2006
Survey Period: April 17, 2006 – June 6, 2006
Total Number of Properties Surveyed: 786
Surveyed By: D.R. Beuchelt

SECTION A: GENERAL

This survey area begins at the drawbridge located at the northern end of State Route 223, Cricket Hill Road, and proceeds in a counter clockwise direction and includes all properties along the perimeter of Gwynn Island shoreline and includes all properties and tributaries within this perimeter and ends at the drawbridge.

It is recognized that the name of the island is recognized as both "Gwynn Island" and "Gwynn's Island". A majority of mapping sources including the USGS Topographic Quad maps, NOAA Bluewater charts, VMRC oyster lease maps, and the Mathews County authored 911 map book pages title the island as "Gwynn Island". While the Division of Shellfish Sanitation acknowledges many individuals and entities will recognize the title as "Gwynn's Island", this report will use the title as "Gwynn Island".

The topography of the area is characterized by elevations ranging from 5' along the shoreline to a maximum of 10' in Grimstead. Other areas on the island reach 6 to 8'. The island is fairly populated with full-time residents, but has seasonal dwellings that are frequented by residents during the warmer months. New homes are being erected while older homes are either undergoing renovation or have been destroyed with new construction replacing the older homes. Some of the residents, part-time and full-time, have commented that some housing establishments have a restriction on the use of the property. One resident commented that the development in which he owned property was issued a week-end only sewage permit. Found during this survey were newer systems such as Clearstream, Puroflow, Advantex, etc. replacing the older conventional septic systems. Unfortunately, when some properties were sold or inherited, papers explaining the new systems were not transferred to the new owners. Some of the homeowners were not aware that the newer systems require frequent maintenance in order to function properly and effectively. Mathews County Health Department was alerted and Tammy Faulkner went back to the files and made copies of the health department records for some of the new property owners.

There are two towns on the island, Grimstead and Gwynn. All mail received on the island is through the post office at Grimstead or Gwynn. The economy on the island is based on boating/recreational facilities, the seafood industry and tourism. However, the Islander Restaurant and Motel was destroyed during Hurricane Isabel and has not been in use since that time. Both are unusable at this point and no plans had been made to renovate the facility at the time of the survey.

According to the Virginia Employment Commission (via VELMA) during the 3rd Quarter 2005 time period industry figures show the largest major industrial group in Mathews as Construction with 47 establishments followed by Retail trade with 33 establishments, other services (except Public Administration) with 28 establishments, Professional, Scientific and Technical services with 21 establishments and Transportation and Warehousing with 17 establishments. The total civilian labor force in Mathews County for the April 2006 time period was 4,547 of which 4,412 were employed and 135 were unemployed giving the county an unemployment rate of 3.0 percent. The average weekly wage was \$438. Finfish and shellfish are harvested from the waters surrounding Mathews County and are integral to the local economy and culture.

The most current population figure available (2002) showed 9,207 in Mathews County with an estimate of 9,194 for July 2005.

Meteorological data recorded at the Division of Shellfish Sanitation office in White Stone indicated that 7.02" of rain fell during the survey period. A monthly breakdown follows:

| | |
|-------------|--------------|
| April 17-30 | 2.99" |
| May 1-31 | 3.52" |
| June 1-6 | <u>0.51"</u> |
| Total | 7.02" |

According to Mike Burchell, a resident of Gwynns' Island, his rain gauge has measured 5", 3", ½", 5/8", and 1 ½" of rain during the same time period from line squalls that have moved through the region. One of the heavy rainfalls (5") was reflected in a seawater collection of 24 April 2006. Bacteriological data showed unsatisfactory MPN's (Most Probable Number) on all stations. Special attention during the survey was given to the areas where the MPN figures were significantly higher. Also, it is important to note that major flooding occurred during Hurricane Isabel in September 2003.

One sewage treatment facility (with discharge to an absorption field) was found during the survey. This facility was originally installed to serve the Islander Restaurant/Motel and the Marina. As mentioned, Hurricane Isabel left the restaurant and motel in ruins and at the time of the survey neither were being used and plans to repair the facility had not been initiated. Currently, the STF serves the Narrows Marina and Repair.

Also, found during the survey were 16 on-site deficiencies, 46 properties marked as potential deficiencies, 3 industrial sites, 14 boating activity sites, and 4 sites marked for animal pollution.

Available on Gwynn Island are a draw-bridge allowing access to the island, a restaurant, a small store with a deli, a campground, a public boat ramp, and a small beach.

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. **“DIRECT”** indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond office of the Division of Shellfish Sanitation and are available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

2. Narrows Marina and Marine Repair, Location 85 and 27 Old Ferry Rd, Owner: Preston Jenkins, PO Box 340, Grimstead 23064. The STF (currently serving the Marina and Marine Repair facility) consists of an influent lift station, Aer-O-Flow package plant, an absorption field which is 150' from the Narrows at a 3' elevation, sludge holding tanks, and a sludge drying bed. The unit was designed to treat 15,400 GPD.

ON-SITE DEFICIENCIES

3. CONTRIBUTES POLLUTION – Location: 1253 Old Ferry Rd., PO Box 477, Grimstead 23064. Dwelling – 2 story white with green shutters and metal roof. No Contact. Effluent is to ground surface directly from septic tank via garden hose and electric pump. Sanitary Notice issued on 4/18/06 to Field# 34. Tax Map # 11A3 A 43.
12. CONTRIBUTES POLLUTION – Location: 100 Seaside Way, Mailing address: 9351 Hoke Brady Rd. Richmond 23131. Dwelling – 1 ½ story cream colored wood siding with green shutters and gray shingles. No Contact. Lid is cracked on tank. Sanitary Notice issued on 5/2/06 to Field # 226. Tax Map # 11A2 A 22.
15. NO FACILITIES – Location: 11 N. Bay Haven Rd., PO Box 1, Gwynn 23066. Dwelling – 1 story cinder block, gray and white trim. 1person. Sanitary Notice issued on 5/1/06. Tax Map # 11A4 A 109.
18. CONTRIBUTES POLLUTION – Location: 188 Saunders Lane, Mailing address: 108 Carriage Pt. Lane, Glenn Allen 23059. Dwelling – 1 story cinderblock, light gray with white trim and gray shingles. No Contact. Open area in rear of house (< 10' from vent pipe) is open, water standing, and covered with plywood. Possible septic tank maintenance. Sanitary Notice issued on 5/3/06 to Field # 332. Tax Map # 11A4 9 12.
19. CONTRIBUTES POLLUTION – Location: 2711 Old Ferry Rd., PO Box 54, Gwynn 23066. Dwelling – 1 story white with brown shingles and brick foundation. No Contact. Lid on tank is broken. Sanitary Notice issued on 5/3/06 to Field # 337. Tax Map # 11A4 A 185.

20. **DIRECT** - CONTRIBUTES POLLUTION – Location: 301 Buckschase Rd., Mailing address 1294 Stoney Creek Rd., Edinburg 22824. Dwelling – 1 story, light gray with white shutters and light gray shingles. No Contact. Lid is broken on septic tank, part missing.
- DIRECT** - CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Lid is broken on grease trap, part missing. Tanks are <100' (septic) and <75' (grease trap) at 5' elevation from the Chesapeake Bay. During heavy rainfalls and or flooding, effluents can wash into the bay. Sanitary Notice issued on 5/5/06 to Field #374. Tax Map # 12A 1 9.
23. **DIRECT** - CONTRIBUTES POLLUTION – Location: 551 Buckschase Rd., Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – bathhouse at GwynnIsland Campers Haven Campground. No Contact. Lid on tank is broken with pieces missing. Sanitary Notice issued on 5/15/06 to Field # 395. Tax Map # 12A 1 13.
51. CONTRIBUTES POLLUTION – Location: 1074 Gum Thicket Rd. Gwynn 23066. Mailing address: General Delivery. Dwelling – 1 ½ story, brick with white trim and gray shingles. No Contact. Effluent to ground surface. Sanitary Notice issued on 5/15/06 to Field # 505. Tax Map # 11A6 11 5.
56. CONTRIBUTES POLLUTION – Location: 177 Shell Point Lance, PO Box 234, Gwynn 23066. Dwelling – 1 ½ story yellow vinyl siding with white trim, brown shingles and a double car garage. No Contact. Housing around the PVC clean out port is broken. Sanitary Notice issued on 5/18/06 to Field # 573. Tax Map # 11A6 15 B.
59. CONTRIBUTES POLLUTION – Location: Location: 456 Gwynnsville Rd., PO Box 75, Gwynn 23066. Dwelling – 1 story white vinyl siding with black shutters and light gray shingles. No Contact. Clean out cap is broken and covered with black tape. Sanitary Notice issued on 5/19/06 to Field # 601. Tax Map # 11A4 A.
69. CONTRIBUTES POLLUTION – Location: 78 Powell Lane, Mailing address: 1036 Spirea Rd., Richmond 23236. Dwelling – 2 story white with gray shingles and black shutters. No Contact. 3" PVC pipe runs from house along the ground to underground in yard. A section of the pipe is broken with pieces missing. No signs of discharge or malfunction. Origin of pipe unknown. Sanitary Notice issued on 5/25/06 to Field # 700. Tax Map # 11A4 A 20D.
71. CONTRIBUTES POLLUTION – Location: 364 Risby Town Rd., PO Box 10, Gwynn 23066. Dwelling – 1 story white cinderblock with gray shingles. No Contact. A concrete tank, approximately 4' in diameter is covered with an old metal ESSO sign. This tank was filled with effluent. Sanitary Notice issued on 6/6/06 to Field # 715. Tax Map # 11A5 6 B.
72. **DIRECT** - CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 71 Callis Wharf Rd., PO Box 384 Grimstead 23064. Dwelling – 1 story white siding with black shutters. 1 person. Kitchen wastes empties into a ditch which is located 0.3 mile from Milford Haven. During heavy rains/floods the ditches may empty into the watershed. The homeowner has in hand a repair permit, which was issued in March of 2005. She states that she has called several contractors but has not been able to lock in one for the job. Sanitary Notice issued on 5/31/06 to Field # 728. Tax Map # 11A3 A 30.

74. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 107 Callis Wharf Rd., PO Box 400, Grimstead 23064. Dwelling – 1 story white siding with black shutters. No Contact. Lid on grease trap is cracked. Sanitary Notice issued on 5/31/06 to Field # 730. Tax Map # 11A3 A 32.
77. CONTRIBUTES POLLUTION – Location: 390 Callis Wharf Rd., PO Box 449, Grimstead 23064. Dwelling – 2 ½ story, light yellow siding with faded blue shutters. No Contact. In rear of property, is located a small house which has a 3" PVC pipe running, open to ground surface. No discharge or odor was detected, however, on the opposite end of the small house was located a clean-out port. Sanitary Notice issued on 5/31/06 to Field # 745. Tax Map # 11A5 A 23.

POTENTIAL POLLUTION

6. Location: 306 Old Farm Rd., Mailing address: 12719 Old 40 Rd., Waverly 23890. Dwelling – 1 story beige vinyl siding with cream colored trim and light gray shingles. No Contact. Located inside a covered picnic area is a sink, which discharges (via hose) onto ground surface. Fish scales were found on ground surface at the end of the hose.
7. Location: 168 Gaten Rd., PO Box 95, Gwynn 23066. Dwelling – 1 story blue with white trim and light gray shingles. No Contact. Grass is dark over absorption trench. No signs of malfunction.
9. Location: 80 Triangle Rd., PO Box 241, Gwynn 23066. Dwelling – 1 story, white with blue shutters and white shingles. 2 persons. Area over absorption field shows dark grass on top of the absorption trench. No signs of malfunction.
11. Location: 153 Pine Rd., PO Box 369, Grimstead 23064. Dwelling – 1 story on piers, tan siding with cream colored trim, black shutters and brown shingles. 5 persons. Area over drain lines is low and holding rainwater from weekend precipitation (5 – 6 inches recorded by local residents). No odor detected.
13. Location: 10 Cottage Way, Gwynn 23066. Dwelling – 1 story with white vinyl siding with glass enclosed porch and green metal roof. No Contact. House closed for winter. 2" PVC pipe found of unknown origin. No signs of effluent or odor.
14. Location: 547 Chesapeake Drive, Gwynn 23066. Dwelling – 1 story white cinderblock. No Contact. Appears septic system has been upgraded or lines replaced.
16. Location: 133 N. Bay Haven Rd., Gwynn 23066. Dwelling – 1 ½ story white vinyl siding with gray shingles. No Contact. Located adjacent to sewer pipes is a 2" PVC pipe of unknown origin. No signs of discharge at time of survey.
17. Location: 154 N. Bay Haven Rd., PO Box 321, Gwynn 23066. Dwelling – 2 story white vinyl siding with black shutters. 1 person. Owner states the system (Clearstream) works slow and the alarm keeps going off.

At the time of the survey, the alarm was not sounding the system was not malfunctioning. While questioning the property owner, it was found that papers on the system were not transferred to her and she did not know that the system requires periodic maintenance in order to operate effectively and properly. A visit was made to Mathews County Health Department where Tammy Faulkner pulled the files and made copies for the property owner.

21. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot D 12. RV-Terry-white/gray with blue/gray/pink trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
22. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot A 17. RV-Terry – Taurus - white with brown/tan trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
24. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot A 25. RV-Seaview - white with blue/agua trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
25. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot A 27. RV-Prowler Regal - white with brown/tan trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
27. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot A 30. RV-Yukon - beige with brown/tan trim. Tote-a-long needs to be capped. No signs of discharge or odor.
28. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot C 6. RV-Mallard - white with aqua/blue/brown trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
29. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot B 13. RV-Sportsman - white with green/brown/maroon trim. Tote-a-long needs to be capped. No signs of discharge or odor.
30. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot B 15. RV-Seahawk - white with purple/blue/aqua trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
31. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot B 23. RV-Sprinter - white with blue/brown trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
32. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot C 10. RV-Mallard - white with green/brown/blue trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
33. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot B 16. RV-Marander Traveler beige with orange/yellow trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.

34. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot C 15. RV-Wilderness - white with gold/green/maroon trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
35. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot E 21/22. RV-Safari - beige with orange/brown trim. Sewer hose runs on ground surface in direction of marsh (< 5' of marsh). A plastic cup covers the end of the sewer hose and is taped onto the end of the hose by duct tape. No signs of discharge or odor. No signs of discharge or odor.
36. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot E 26. RV-Mallard - white with aqua/brown/blue trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
37. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot E 27. RV-Dutchman - white with blue/gold/green metallic trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
38. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot E 39. RV-Coachmen Catalina - white with green/fushia/gold trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
39. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot E 2. RV-Prowler - beige with orange trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
40. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot E 10. RV-Mountaineer - white with mocha/aqua/blue trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
41. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot E 11. RV-Prowler - white with aqua/blue/purple trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
42. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot F 4. RV-Terry - white with red/gold/blue trim. Sewer hose is disconnected from tote-a-long which is uncapped and upright. No signs of discharge or odor.
43. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot F 5. RV-Wildwood - white with brown/black trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.

44. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot E 6. RV-Prowler - white with purple/blue trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
45. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. 1 person. Lot H 5. RV-Terry - white with rust/brown/tan trim. Sewer hose is broken and is disconnected from tote-a-long. Owner had new hose ready to install as we spoke. No signs of discharge or odor.
46. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot G 6. RV-Sierra - white with brown/mocha trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
47. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot G 10. RV-Shasta - white with green/gold/blue trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
48. Location: 551 Buckschase Rd. Mailing address: 99 Acorn Lane, Mathews 23109. Dwelling – campground. No Contact. Lot G 5. RV-Terry - white with brown/rust/blue trim. Sewer hose is disconnected from tote-a-long. No signs of discharge or odor.
49. Location: 227 Gumthicket Rd., Mailing address: 12503 Reed Grass Lane, Midlothian 23114. Dwelling – 1 story, yellow vinyl siding with green shutters and light gray shingles. No Contact. Rainwater is pooling in yard from heavy rainfall over weekend. No signs of malfunction.
50. Location: 249 Gumthicket Rd., Mailing address: 1628 Park Ave., Richmond 23220. Dwelling – 2 story with kitchen and porch additions, white vinyl siding with blue shutters and light gray shingles. No Contact. Sewer pipe runs into ground under flower bed. Tank not found, but is likely under flower bed. No signs of malfunction.
52. Location: 79 Gwynnsville Rd., Gwynn 23066. Dwelling – 2 story, white siding with blue shutters and metal roof. 1 story addition on rear of house. No Contact. Rainwater is pooling in low spots on yard. No signs of malfunction.
53. Location: 167 Henry's Rd., Gwynn 23066. Dwelling – 2 ½ stories, white vinyl siding with black shingles. No Contact. House is under renovation. Rainwater is pooling on top of ground. No signs of malfunction.
54. Location: 468 Henry's Rd., Gwynn 23066. Dwelling – 2 ½ stories, green siding w/white trim and unattached garage. 2 persons. On an extreme high tide, tank holding washing machine wastes could be flooded.
55. Location: 276 Henry's Rd., Gwynn 23066. Dwelling – 1 ½ story gray siding with white trim and red shutters. 4 persons. Area over absorption field is soft. No signs of effluent or odor.

57. Location: 249 Shell Point Lane, Gwynn 23066. Dwelling – 2 story, white vinyl siding with green shutters and metal roof. No Contact. Old Terra Cotta pipe runs from absorption field to watershed. No signs of discharge or recent activity. This pipe is barely visible on high tide. Shellfish Specialists checked the pipe out on the 5/22/06 seawater collection run. The specialists found no evidence of recent activity.
58. Location: 678 Gwynnsville Rd., Gwynn 23066. Dwelling / Garage – 1 story, gray with white trim and metal roof. No Contact. A PVC pipe of unknown origin exits the rear of the garage and runs to a ditch. No signs of discharge at time of survey.
60. Location: 125 S. Bay Haven Rd., Mailing address: PO Box 1188, Gloucester 23061. Dwelling – 1 story, gray siding with white trim and gray shutters. No Contact. A gray PVC pipe extends from the rear of the house to a ditch. Origin unknown. No discharge at time of survey.
63. Location: 162 S. Bay Haven Rd., Mailing address: PO Box 316, Gwynn 23066. Dwelling – 1 story, white with black shutters. 2 persons. A white PVC pipe allows rain water to drain from under the house. Also found was an older black pipe. Neither showed discharge at time of survey. Owner states that all wastewater goes into the septic system.
66. Location: 41 Powell Lane, Mailing address: 2702 Mallard's Crossing, Richmond 23131. Dwelling – 1 ½ yellow vinyl siding with gray shingles and gray shutters. No Contact. Area over absorption field shows dark grass. Ground is solid and no signs of malfunction are present.
73. Location: 87 Callis Wharf Rd., Mailing address: 7249 Rural Point Rd., Mechanicsville 23116. Dwelling – white mobile home with black shutters. No Contact. A 1" white PVC pipe runs from house to ditch. No discharge at time of survey.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

70. **DIRECT**-Location: 407 Risby Town Rd., Mailing address: PO Box 10, Gwynn 23066. Crabmeat Processing Plant, VA215C. 16 employees. Processing and washdown wastes discharge into Milford Haven under General Permit No. VAG524053, Expiration date: 24 July 2006.
76. **DIRECT**-Location: Callis Wharf, LLC., 427 Callis Wharf Rd., Mailing address: 7101 Hillsdale Dr., Richmond 23229. No Contact. Located < 400' from Milford Haven are three fuel tanks, (2 tanks approximate 1000 gallons each and 1 tank approximate 500 gallons), without berms, contents unknown.
79. **DIRECT**-Location: 616 Old Ferry Rd., Mailing address: PO Box 430, Grimstead 23064. Pulleys Marine, Inc. 2 persons. Boat sales and repair facility. Located beside dock is a fuel tank, approximately 1000 gallons without berm.

SOLID WASTE DUMPSITES
- None -

SECTION D: BOATING ACTIVITY

MARINAS

2. Location: Narrows Marina, 85 Old Ferry Rd., Mailing address: PO Box 340, Grimstead 23064. Manager: Preston Jenkins. Services available are fuel, electricity, water, 138 slips, and sewage holding tank pump-out, solid waste containers, restroom facilities, repair service, plus 7 slips and a ramp from the Elizabeth Graham Jenkins Pier (formerly Facility No.1163). Facility No 1421.

OTHER PLACES WHERE BOATS ARE MOORED

61. Location: Edwards Marine Railway, 768 S. Bay Haven Dr., Gwynn 23066. Manager: Bobby Edwards. Services include repair, electricity, water, and a privy. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities. Facility No. 454.
67. Location: Powell's Boat Yard, 67 Powell Lane, Grimstead 23064. Manager: Winnifred Powell. Services include electricity and water. Records indicate that boats on site are owned by family members who have access to restroom facilities. Facility No. 488.
68. Location: 173 Powell Lane, PO Box 210, Gwynn 23066. Manager: Franklin Furey. Services include repair and restroom facilities. Facility No. 458.
75. Location: Gwynn's Island Condominiums, 375 Callis Wharf Rd., Grimstead 23064. Manager: Lou Lawrence. Services include electricity and water to residents who reside at the condominiums. Facility No. 462.
79. Location: Pulleys Marine, Inc., 616 Old Ferry Rd., Grimstead 23064. Manager: Ed Davis. Services available are fuel, restroom facilities and repair. Facility No. 459.

UNDER SURVEILLANCE

1. Location: 244 Old Ferry Rd., Grimstead 23064. Private dock/crabbing facility.
8. Location: C.P.P.O.A. (Cherry Point Property Owners Association) next to 90 Gaten Rd. Private dock and boat ramp for residents.
10. Location: G.I.E.P.O.A., on Pine Rd. off E. Shore Dr. Private dock for use by residents.
26. Location: Gwynn's Island Campers Haven, 551 Buckschase Rd., Gwynn 23066. Services available are loading dock, ramp and restroom facilities for campers.
62. Location: Edwards Creek Public Boat Dock, off of Route 672 at the end of Edwards Landing Road. Manager: Mathews County Administrator Stephen K. Whiteway. Public dock used for loading, unloading and emergency mooring only. Facility No. 489.

- 70. Location: Island Seafood Co., 407 Risby Town Rd., Gwynn 23066. Services provided are a loading/unloading dock for oyster/crab boats and restroom facilities. Facility No. 503.
- 76. Location: Callis Wharf, LLC, 427 Callis Wharf Rd., Unable to access dock. Fuel tanks were present on property. Formerly Facility No. 498.
- 78. Location: 111 Wharf Creek Rd., Grimstead 23064. Private dock with restroom facilities, electricity and water available.
- 80. Location: Wharf Creek Public Boat Dock, off of Route 223, next to the Seabreeze Restaurant. Loading/unloading pier. 25 spaces adjacent to the restaurant are available to park vehicles and trailers. Facility No. 1426.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 4. Location: 135 Rose Lane, Grimstead 23064. Dwelling – 1 ½ story white with green shutters and black shingles. 2 persons. 3 horses, 2 dogs and 4 cats. Owner collects and composts the manure.
- 5. ***DIRECT***- Location: 499 Cherry Point Rd, Grimstead 23064. Dwelling – 1 story, tan with green shutters and brown shingles. 3 persons. 14 hunting dogs. Kennels maintained. Kennel is < 20' at 6 elevation from marsh.
- 64. Location: 2292 Old Ferry Rd., Gwynn 23066. Dwelling – 2 ½ story, white siding with gray shingles. No Contact. 3 horses seen in pasture, total unknown.
- 65. ***DIRECT*** - Location: 52 Spirit Branch Rd., Gwynn 23066. Dwelling – 1 story, gray with red shutters and light gray shingles. No Contact. 7 dogs kennels < 10' from watershed.

SUMMARY

Area # 036
Gwynn Island
14 June 2006

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

0 – DIRECT- None
1 – INDIRECT – # 2
1 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in the section is the responsibility of the local health department.

3 – CONTRIBUTES POLLUTION, DIRECT – # 20, 23, 69
9 - CONTRIBUTES POLLUTION, INDIRECT – # 3, 12, 18, 19, 51, 56, 59, 71, 77
1 – CP – (Kitchen or Laundry Wastes), DIRECT – # 20
2 - CP – (Kitchen or Laundry Wastes), INDIRECT – # 72, 74
0 – NO FACILITIES, DIRECT – None
1 - NO FACILITIES, INDIRECT – # 15
16 – B.2. TOTAL

3. POTENTIAL POLLUTION

Periodic surveillance of these properties will be maintained to determine any status change.

46 – POTENTIAL POLLUTION - # 6, 7, 9, 11, 13, 14, 16, 17, 21, 22, 24, 25, 27, 28, 29,
30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50,
52, 53, 54, 55, 57, 58, 60, 63, 66, 73

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

3 - # 70, 76, 79
0 – None
3 – C.1. TOTAL

2. SOLID WASTE SITES

0 – DIRECT – None
0 – INDIRECT – None
0 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

1 – MARINAS - # 2
5 – OTHER PLACES WHERE BOATS ARE MOORED - # 61, 67, 68, 75, 79
8 – UNDER SURVEILLANCE - # 1, 8 10, 26, 62, 70, 76, 78, 80
15

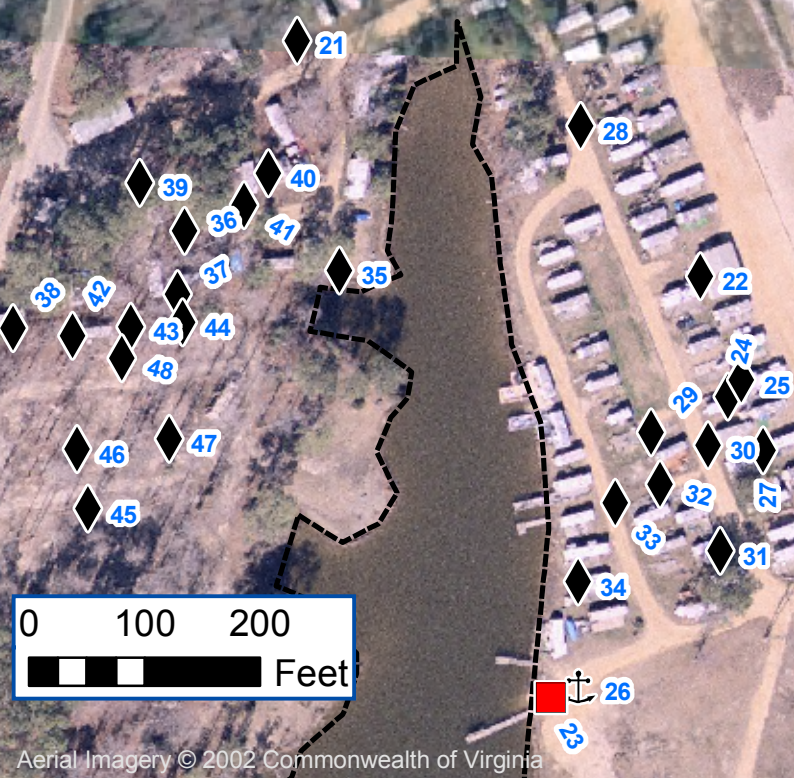
SECTION E: CONTRIBUTES ANIMAL POLLUTION

2 – DIRECT - # 5, 65
2 – INDIRECT - # 4, 64
4 – E.TOTAL

76°18'0"W

76°16'30"W

Insert 1



Virginia Department of Health Division of Shellfish Sanitation

Gwynn Island # 036 Shoreline Sanitary Survey

Mathews County

Date: 14 June 2006
Survey By: D.R. Beuchelt
Number of Properties Surveyed: 786



0 750 1,500 3,000
Feet

37°30'0"N

37°30'0"N

37°28'30"N

37°28'30"N

76°18'0"W

76°16'30"W

- Legend**
- Sampling Station - New
 - Sampling Station - Historical
 - Sewered areas
 - DGIF Boat Ramps
 - Shoreline Survey Deficiencies**
 - Sewage Treatment Facility - Direct
 - Sewage Treatment Facility - Indirect
 - Contributes Pollution - Direct
 - Contributes Pollution - Indirect
 - Contributes Pollution (Kitchen or Laundry wastes) - Direct
 - Contributes Pollution (Kitchen or Laundry wastes) - Indirect
 - No Facilities - Direct
 - No Facilities - Indirect
 - Potential Pollution
 - Industrial Wastes, Direct
 - Industrial Wastes, Indirect
 - Solid Waste Dumpsite - Direct
 - Solid Waste Dumpsite - Indirect
 - Boating Activity
 - Contributes Animal Pollution - Direct
 - Contributes Animal Pollution - Indirect

VDH VIRGINIA
DEPARTMENT
OF HEALTH
Protecting You and Your Environment
www.vdh.virginia.gov/shellfish

Geographic coordinates in NAD83 datum;
shown in degrees, minutes & seconds.